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FANS & BLOWERS DIVISION

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& Heavy duty Fans
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Electrical Machine Cooling
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Motors & Generators
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AEROTO DIVISION

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GROUP HEADQUARTER

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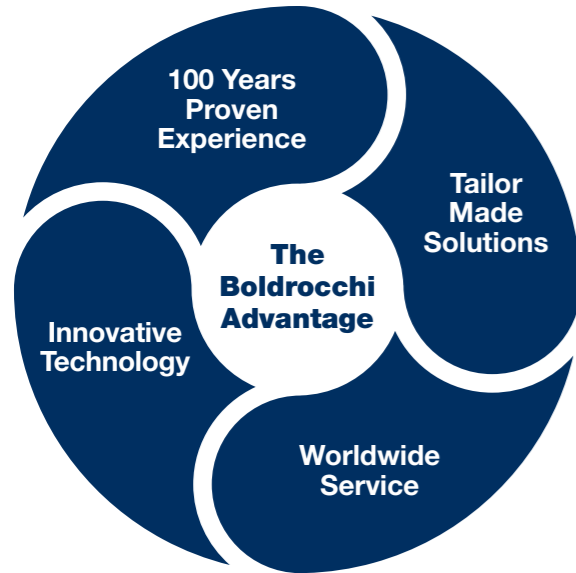
COMPRESSORS & BLOWERS



WORLDWIDE ENGINEERING & PRODUCTION EXCELLENCE

The Boldrocchi Advantage

Few Companies can claim the depth and breadth of experience that Boldrocchi has in designing, manufacturing and delivering customized solutions and products.



Boldrocchi has wide resources and capabilities to maximize the operational usefulness and reliability of the equipment.

A highly experienced team with specialized engineering tools can optimize the products to achieve customer satisfaction.

Boldrocchi Compressors & Blowers

Boldrocchi designs and manufactures compressors and blowers for special applications.

Standards & Certifications

Boldrocchi meets all major international standards such as API 672- API 673 and is certified ISO 9001. All the equipment is tested in Boldrocchi's local facilities.

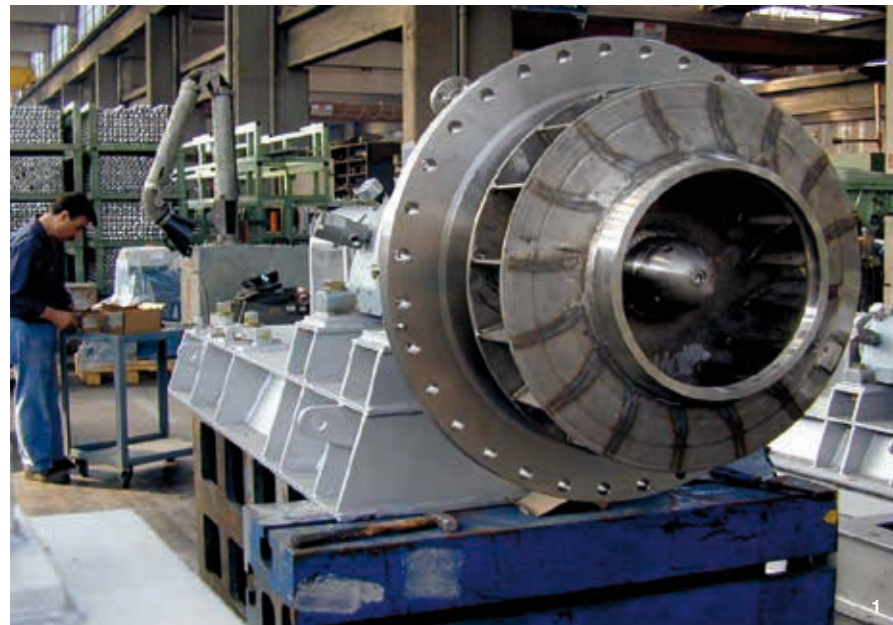
Industries

- Oil & Gas
- Power Generation
- Food
- Waste to Energy
- Cement
- Steel
- Fertilizer
- Other Process Industries

Applications

- Water Treatments
- Sulfur Recovery Units
- Urea & Ammonia
- Atomization Process
- Copper Sulfate Treatment Units
- Bitumen Feed Treatment Unit
- Diesel Treatment Unit
- Claus Package
- Fiber Extruder Unit
- Incinerator
- Vapour Recompressor
- SO₂ Blower
- Mixing & Boosting Station

WE CONTINUE TO INNOVATE WITH PRODUCT QUALITY



We can build our blower with a large variety of special materials:

- Low Alloy Steel
- Austenitic Stainless Steel
- Ferritic Stainless Steel
- Super Austenitic Stainless Steel
- Duplex and Super Duplex Stainless Steel;
- High Nickel - Alloys Steel: Inconel, hastelloy
- Titanium
- Aluminum
- Tungsten carbide
- Carbon Fibre

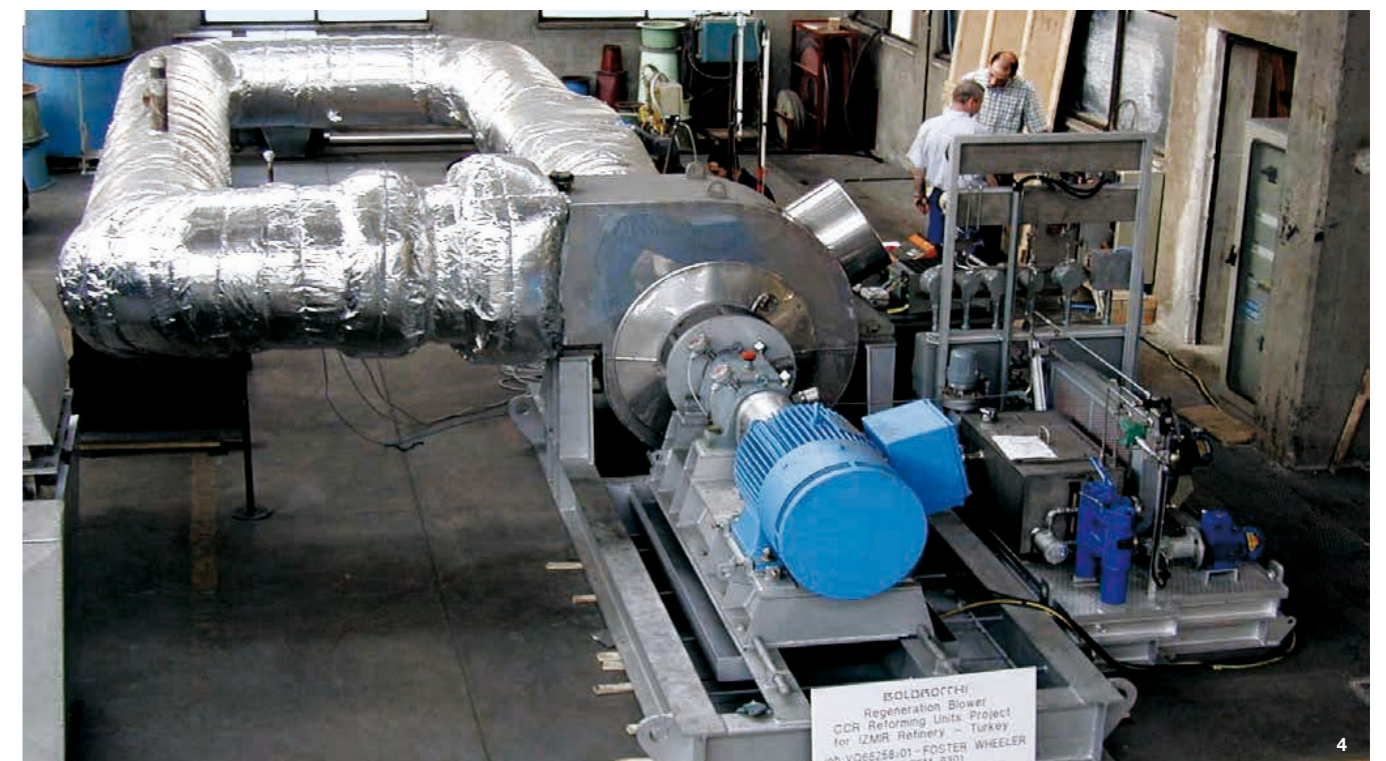
1. Inconel
2. Titanium
3. Carbon Fibre



SPECIAL TESTS - HOT GAS TEST

In order to satisfy the process requirements a special test facility has been built to check blower performance at different temperatures, up to 600°C.

4. CCR-Unit blower used in petrochemical chlorination and catalyst regeneration processes



SINGLE & MULTI STAGE BLOWERS



SRU UNIT - COMBUSTION AIR BLOWER



CLAUS PACKAGE - MAIN AIR BLOWER



UREA PLANT - ATOMIZATION AIR BLOWER



BLOWER SET FOR FORMALDEHYDE PLANT



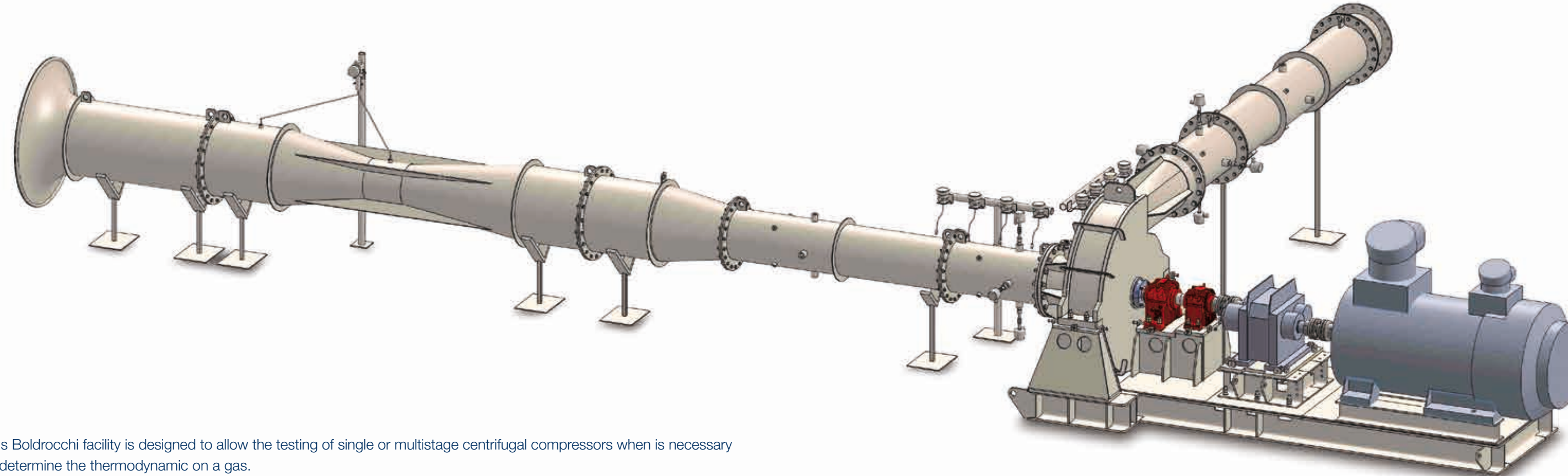
COKE OVEN GAS BLOWER



CO₂ BOOSTER

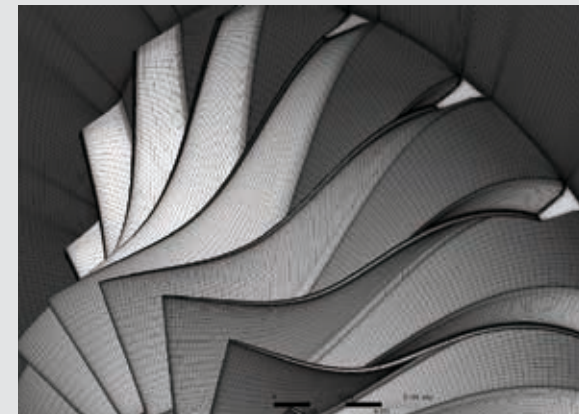
Research Laboratory for Product Testing

ASME PTC 10 Compressor's Performance Test for API 672 & 617

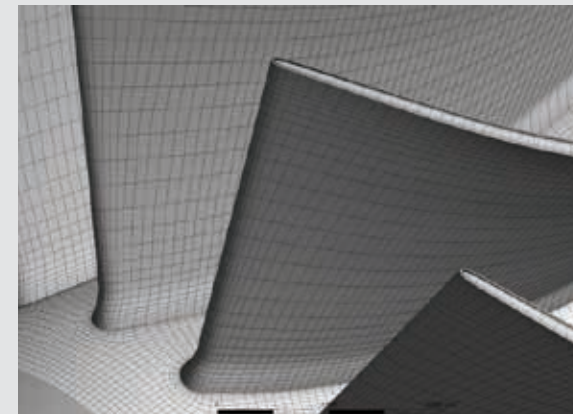


This Boldrocchi facility is designed to allow the testing of single or multistage centrifugal compressors when is necessary to determine the thermodynamic on a gas. This layout is based on ASME PTC10 which will guarantee the highest level of accuracy based on the best engineering knowledge and practice currently available.

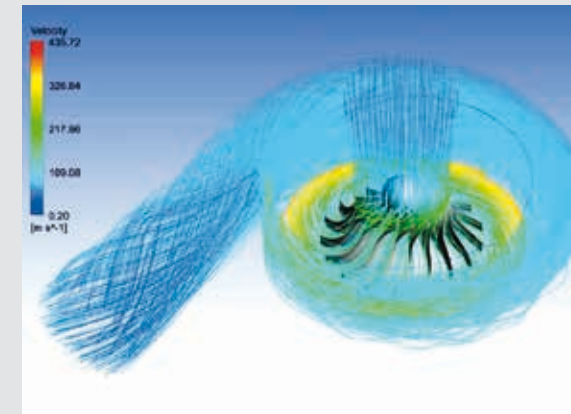
BEST TOOLS FOR DESIGN & RESEARCH



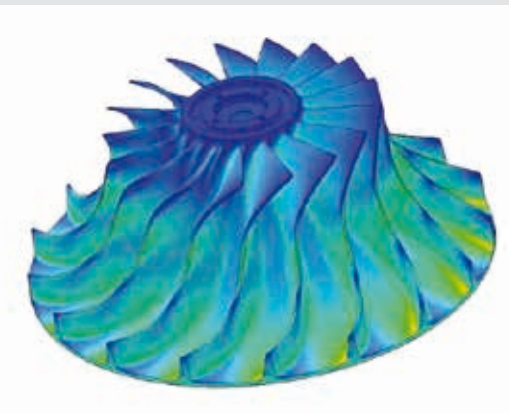
3D CFD MESH



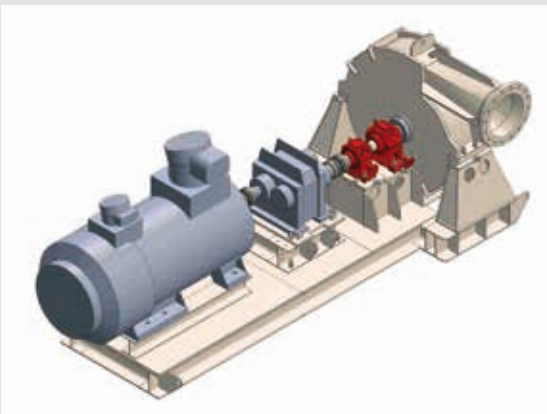
3D CFD MESH



CFD POST PROCESSOR

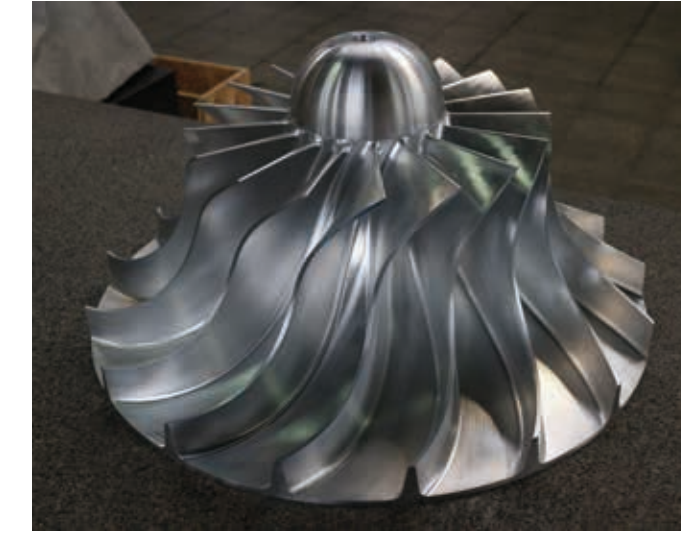


3D FINITE ELEMENT ANALYSIS

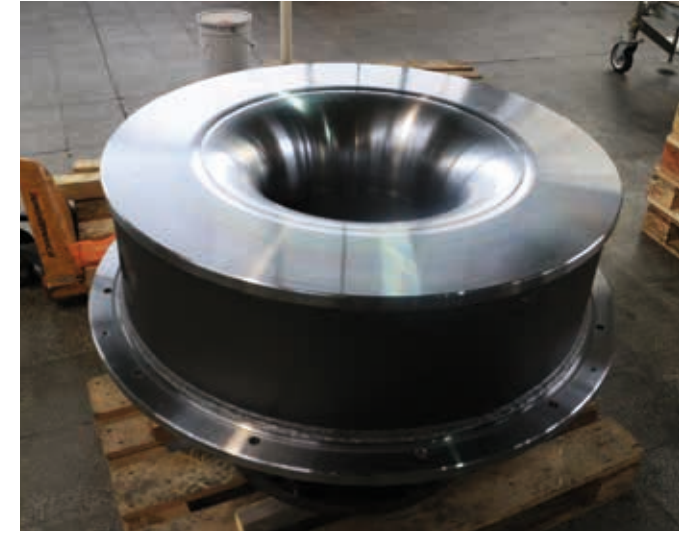


3D DESIGN

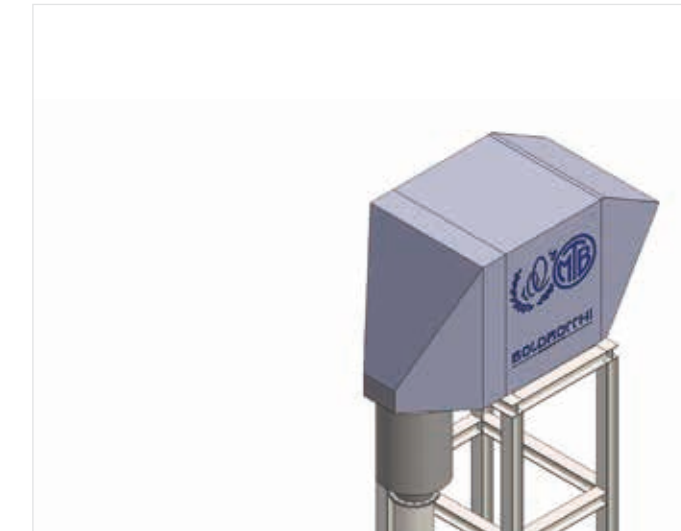
COMPRESSORS



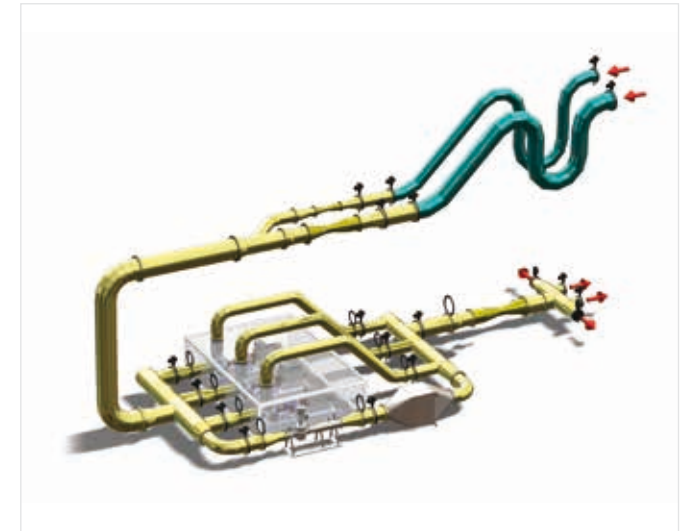
3D BLADE SHAPE IMPELLER



5 AXIS MACHINED INLET SHROUD



API 672 CUSTOMIZED SOLUTION



GAS BOOSTING STATION



INTEGRALLY GEARED SOLUTION